

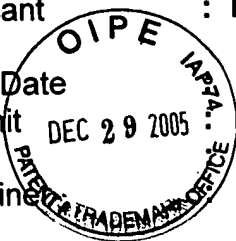
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/669,385  
Applicant : Margaret Browning et al.

Filing Date : September 24, 2003  
Art Unit : 2831  
Title : Hardened Voyage Data Recorder  
Examiner : Carmelo B. Oliva

Docket No. : LTH002/115811  
Customer No. : 24030

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Date: 12/27/05

*Darla Faulhaber*  
Darla Faulhaber

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with 37 C.F.R. 1.56(a)(1), Applicants cite the following references which were cited in Patent Office Actions in related foreign applications. The references are listed on the enclosed PTO/SB/08a:

US 6,092,008	Bateman	Jul 18, 2000
JP 63-64595	Unknown	Apr 28, 1988
DE 37 44 421	Hethey	Jul. 13, 1989
FR 2,736,456	Loukakos	Jan 10, 1997
CN 2377522Y	Huang et al.	May 10, 2000
EP 1,017,188	Byers et al.	Jul. 05, 2000

In the Bateman U. S. Patent No. 6,092,008, a foreign Examiner made reference to matter at column 4, line 54 to column 6, line 35 and to column 1, line 60 to column 2, line 10.

Japanese Laid-Open Utility Model Publication No. 63-64595 was cited by a foreign Examiner. Neither the inventor's name nor an English abstract or translation of this reference

could be found. This reference is believed to been cited because Fig. 1 shows a marine voice recorder including a main body 3, a mounting base 1, and a tape recorder 12.

In the Hethey German Patent No. 37 44 421, a foreign Examiner made reference to matter at column 1, lines 20-52 and the figures.

In the Loukakos French Patent No. 2,736,456, a foreign Examiner made reference to matter at page 1, line 1 to page 2, line 95 and the figures.

The Huang et al. Chinese Patent No. 2377522Y was cited by a foreign Examiner with the following comments: that it disclosed a navigation data recorder for ships with features comprising a power supply, information acquiring receiver, main frame coupled via detachable transmission cable to the peripheral including data storage; that in the event of an accident, the peripherals can be easily removed from a ship; that the main frame housing comprises several separate sealed metal cabins, the peripheral data storage being sealed within a metal housing, the recorder being designed to be safe from damage by explosion, burning, and impulse, the navigation data thus being guaranteed intact; and that the peripheral is made of floatable material that will not sink but float on the water surface thus facilitating salvage in the event of an accident.

U.S. Serial No. 10/669,385  
Inventor: BROWNING, et al.  
Title: HARDENED VOYAGE DATA RECORDER

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The Byers et al. EPO Patent No. 1,017,188 is an English language equivalent of Japanese Laid-Open Publication No. 2000-209233. A foreign Examiner stated that paragraph 0032 describes that information from a flight data recorder is periodically downloaded to a ground station.

Respectfully submitted,



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**Complete if Known**

**(Use as many sheets as necessary)**

Application Number	10/669,385
Filing Date	9/24/2003
First Named Inventor	BROWNING, Margaret
Art Unit	2831
Examiner Name	OLIVA, Carmelo B.
Attorney Docket Number	LTH002/115811

DEC 28 2005 Sheet 1 of 1

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		JP 63-64595	04-28-1988	Unknown	Fig. 1	
		DE 37 44421	07-13-1989	Hethey	Col. 1, Lines 20-52	
		FR 2,736,456	01-10-1997	Loukakos	P1, L1-P2, L95	
		CN 2377522Y	05-10-2000	Huang et al.	Pages 1-2	
		EP 1,017,188	07-05-2000	Byers et al.	Para. 0032	

Date  
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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